

7th International Workshop on Electrostatic Storage Devices

June 19 - 22 & Laboratory visit June 23

Monday 19

8:45	Registration & Coffee	
10:00	Introduction - <i>Chairman: S. Martin</i>	
10:15 - 11:00	Electrostatic Ion Storage-in the past,now and the future	H. Cederquist (Stockholm University, Sweden)
11:00 - 12:30	New electrostatic storage projects - <i>Chairman: J. Bernard</i>	
11:00 - 11:30	New storage ring, miniring and cryogenic under design at KU Leuven	Peter Lievens (KU Leuven, Louvain, Belgium)
11:30 - 12:00	A storage ring in Tianjin	B. von Issendorff (Freiburg University, Germany)
12:00 - 12:30	First ion storage in a table-top electrostatic storage ring (μE-ring)	J. Matsumoto (TMU, Japan)
12:30 - 2:00	Lunch & Coffee	
2:00 - 3:30	Macromolecular fragmentation and spectroscopy - <i>Chairman: R. Continetti</i>	
2:00 - 2:30	Ultrafast molecular dynamics	O. Vendrell (Aarhus University, Denmark)
2:30 - 3:00	Luminescence studies w/trapped ions	M. Stockett (Stockholm University, Sweden)
3:00 - 3:30	The color of isolated chlorophyll in vacuo	S. B. Nielsen (Aarhus University Denmark)
3:30 - 4:00	Coffee Break	
4:00 - 5:30	Megadalton, single molecule storage, mass and charge measurements - <i>Chairman: A. Wolf</i>	
4:00 - 4:30	Fragmentation of single megadalton ions in a "Benner" trap. Is it useful yet?	R. Antoine (ILM, Lyon University, France)
4:30 - 5:00	Study of hypervelocity impacts of small massive nanoparticle	R. Continetti (University of California, San Diego, USA)
5:00 - 5:30	Stability studies of hydrogenated PAH cations	Michael Wolf (Stockholm University, Sweden)
5:30	Posters Facilities	

Tuesday 20

8:45 - 10:30	Internal rearrangements in complex atomic-scale systems - <i>Chairman: R. Antoine</i>	
8:45 - 9:30	Ultrafast molecular dynamics studied in an ion storage ring	L. H. Andersen (Aarhus University, Denmark)
9:30 - 10:00	Excited State Dynamics of Protonated Molecules via Cryogenic Ion Spectroscopy	G. Gregoire (University Paris-Sud, France)
10:00 - 10:30	Photon irradiation of an isolated collagen triple helix model	J. C. Pouilly (CIMAP Caen, France)
10:30 - 11:00	Coffee Break	
11:00 - 12:30	Technical developments - <i>Chairman: T. Azuma</i>	
11:00 - 11:30	Recent developments and applications of multi-reflection time-of-flight mass spectrometry	Marco Rosenbusch (RIKEN Tokyo, Japan)
11:30 - 12:00	First operation of the Weizmann cryotrap	Hilel Rubinstein (Weizmann Institut, Israel)
12:00 - 12:30	Recent developments in time-resolved multiparticle detection: the COBRA concept	X. Urbain (UCL, Louvain-la-Neuve, Belgium)
12:30 - 2:00	Lunch & Coffee	
2:00 - 3:30	<i>Chairman: J. Rangama</i>	
2:00 - 2:30	An Electrostatic Storage Ring for Interdisciplinary Physics Research at JPL	EI Ghazaly (Mohamed JPL, USA)
2:30 - 3:00	Commissioning of the RIKEN cryogenic electrostatic storage ring (RICE)	Nakano Yuji, Tokyo Rikkyo University
3:00 - 3:30	Studies of excited states in atomic negative ions	Dag Hanstorp (Gothenburg University, Sweden)
3:30 - 4:00	Coffee Break	
4:00 - 5:00	<i>Chairman: H. Cederquist</i>	
4:00 - 4:30	Developments at the DESIREE	Patrik Lofgren (Stockholm University, Sweden)
4:30 - 5:00	ESI-Pretrap for RICE	Sebastian Menk (RIKEN Tokyo, Japon)
5:00 - 5:30	Evaporative cooling of molecular ions using time-dependent autoresonance	Reetesh Kumar Gangwar (Weismann Institut, Israel)
5:30	Photos & Poster Session & Cocktail	

Wednesday 21

8:45 - 10:30	Radiative relaxation of small molecules and its diagnostics - <i>Chairman: C. Joblin</i>	
8:45 - 9:30	Recurrent fluorescence	Toshiyuki-Azuma (RIKEN Tokyo, Japan)
9:30 - 10:00	Cooling of small PAH in Mini-Ring	L. Chen (Villeurbanne, France)
10:00 - 10:30	Laser probing and population distributions of stored ions	C. Meyer (Max Plank Institut, Heidelberg, Germany)
10:30 - 11:00	Coffee Break	
11:00 - 12:30	<i>Chairman: H. Schmidt</i>	
11:00 - 11:30	Ion molecule reactions and state- resolved photodetachment	Roland Wester (Innsbruck)
11:30 - 12:00	Temperature-Controlled Ion Trap Synthesis of Relatively Complex Molecular Clusters	Chris Johnson (Stonybrook, USA)
12:00 - 12:30	Laser photodetachment of stored OH ⁻ ions: Rotational thermometry and cooling by depletion	Gustav Eklund (Stockholm University, Sweden)
12:30	Lunch	
3:00 - 5:00	"Old downtown traboule" visit, LYON	
6:00	Departure	
7:00	Vineyard and Gala Dinner at Clos st Marc	

Thursday 22

9:00 - 10:30	Merged beam interactions - <i>Chairman: R. Moshhammer</i>	
9:00 - 9:30	Progress report of the anion-cation merged beam zone at DESIREE	Stefan Rosén (Stokholm University, Sweden)
9:30 - 10:00	The electron merged beam at CSR	P. Wilhelm (MPIK Heidelberg, Germany)
10:00 - 10:30	CSR reaction microscope	R. Moshhammer (MPIK Heidelberg, Germany)
10:30 - 11:00	Coffee Break	
11:00 - 12:30	<i>Chairman: R. Thomas</i>	
11:00 - 11:30	Experiments on Interaction of Electron with Biomolecular Ions using Electrostatic Ion Storage Ring in KEK	S Tomita (Tsukuba Institut, Tokyo, Japan)
11:30 - 12:00	Laser spectroscopy in cone trap for nuclear measurements	Paul Campbell (Manchester, UK)
12:00 - 12:30	Electronic and vibrational radiative cooling of C ₄ ⁺	Naoko Kono (TMU Tokyo, Japan)
12:30 - 2:00	Lunch & Coffee	
2:00 - 3:30	Radiative cooling and spectroscopy of cluster ions - <i>Chairman: K. Hansen</i>	
2:00 - 2:30	Metal cluster anion decays. Experiments in DESIREE and simulations	Michael Gatchell (Stockholm University, Sweden)
2:30 - 3:00	Internal dynamics of stored cluster ions	Sebastian George (Max Plank Institut, Heidelberg, Germany)
3:00 - 3:30	Production and action spectroscopy of small PAH dimer cations	J. Bernard (ILM Villeurbanne, France)
3:40	Closing Coffee Break	

Friday 23

9:00	Laboratory visit
10:30	Coffee Break
12:00	End of visit